

Amendments to the Claims

This listing of claim will replace all prior versions and listings of claim in the application.

1.-5. (cancelled)

6. (currently amended) A method of suppressing appetite in an individual, comprising the steps of:

(a) applying an electrical current to the skin of the individual in at least one session to stimulate the nerve pathways innervating the stomach, the current having a current intensity, pulse frequency and pulse duration;

(b) monitoring the effect of the current applied in said step (a) on the individual's appetite; and

(c) adjusting at least one of the current intensity, pulse frequency, pulse duration if said step (b) indicates that said step (a) does not suppress the individual's appetite, A method of suppressing appetite in an individual as recited in claim 1, wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode approximately at a top of the spine and a second electrode at approximately a bottom of the spine.

7. (currently amended) A method of suppressing appetite in an individual, comprising the steps of:

(a) applying an electrical current to the skin of the individual in at least one session to stimulate the nerve pathways innervating the stomach, the current having a current intensity, pulse frequency and pulse duration;

(b) monitoring the effect of the current applied in said step (a) on the individual's appetite; and

(c) adjusting at least one of the current intensity, pulse frequency, pulse duration if said step (b) indicates that said step (a) does not suppress the individual's appetite, A method of suppressing appetite in an individual as recited in claim 1, wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode approximately at a top of the thoracic spine and a second electrode at approximately a bottom of the thoracic spine.

8. (currently amended) A method of suppressing appetite in an individual, comprising the steps of:

(a) applying an electrical current to the skin of the individual in at least one session to stimulate the nerve pathways innervating the stomach, the current having a current intensity, pulse frequency and pulse duration;

(b) monitoring the effect of the current applied in said step (a) on the individual's appetite;
and

(c) adjusting at least one of the current intensity, pulse frequency, pulse duration if said step (b) indicates that said step (a) does not suppress the individual's appetite, A method of suppressing appetite in an individual as recited in claim 1, wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode approximately at T6 of the thoracic spine and a second electrode at approximately T10 of the thoracic spine.

9. (currently amended) A method of suppressing appetite in an individual, comprising the steps of:

(a) applying an electrical current to the skin of the individual in at least one session to stimulate the nerve pathways innervating the stomach, the current having a current intensity, pulse frequency and pulse duration;

(b) monitoring the effect of the current applied in said step (a) on the individual's appetite;
and

(c) adjusting at least one of the current intensity, pulse frequency, pulse duration if said step (b) indicates that said step (a) does not suppress the individual's appetite, A method of suppressing appetite in an individual as recited in claim 1, wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode to the left of, and a second electrode to the right of, one of T6 through T10 of the thoracic spine.

10. (currently amended) A method of suppressing appetite in an individual, comprising the steps of:

(a) applying an electrical current to the skin of the individual in at least one session to stimulate the nerve pathways innervating the stomach, the current having a current intensity,

pulse frequency and pulse duration;

(b) monitoring the effect of the current applied in said step (a) on the individual's appetite;
and

(c) adjusting at least one of the current intensity, pulse frequency, pulse duration if said step

(b) indicates that said step (a) does not suppress the individual's appetite, A method of
~~suppressing appetite in an individual as recited in claim 1,~~ wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode to the left of a first portion of the spine, and a second electrode to the right of a second portion of the spine below the first portion.

11. – 13. (cancelled)

14. (currently amended) A method of suppressing appetite in an individual, comprising the step of:

(a) applying transcutaneous electrical nerve stimulation with a first electrode at a first point on the skin proximate the individual's spine and with a second electrode at a second point on the skin proximate the individual's spine in at least one session to stimulate the sympathetic celiac ganglia, the stimulation of the sympathetic celiac ganglia resulting in appetite suppression ~~A method of suppressing appetite in an individual as recited in claim 13,~~ further comprising a step of adjusting one or more of the parameters of the electrical current of the transcutaneous electrical nerve stimulation to optimize the current for appetite suppression.

15.-19. (cancelled)

20. (previously presented) A method of a treating gastrointestinal disorder in an individual, comprising the steps of:

(a) applying transcutaneous electrical nerve stimulation with a first electrode at a first point on the skin proximate the individual's spine and with a second electrode at a second point on the skin proximate the individual's spine in at least one session to stimulate the sympathetic celiac ganglia;

(b) monitoring the effect of the transcutaneous electrical nerve stimulation in said step (a) on

the individual's gastrointestinal disorder; and

(c) adjusting parameters of the transcutaneous electrical nerve stimulation if said step (b) indicates that said step (a) does not improve the condition of the gastrointestinal disorder.

21. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder is obesity.

22. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder is gastroparesis.

23. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder is severe weight loss or abnormal loss of appetite.

24. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder dumping syndrome.

25. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder is irritable bowel syndrome.

26. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 0, wherein the gastrointestinal disorder is spastic colon.

27. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder is constipation.

28. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein the gastrointestinal disorder are disorders of rapid bowel transit.

29. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein said step (a) of applying an electrical current to the skin of the individual

comprises the steps of locating a first electrode approximately at T6 of the thoracic spine and a second electrode at approximately T10 of the thoracic spine.

30. (previously presented) A method of a treating gastrointestinal disorder in an individual as recited in claim 20, wherein said step (a) of applying an electrical current to the skin of the individual comprises the steps of locating a first electrode to the left of, and a second electrode to the right of, one of T6 through T10 of the thoracic spine.